Plain Language Summary for New Source Review (NSR) Renewal Certification Application for Air New Source Review Permit Number 56321

The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Tennessee Gas Pipeline Company, LLC (CN601223811) has submitted an application for renewal of permit number 56321. The Compressor Station 32 (RN100221878) produces/manufactures Compressed Natural Gas at 9712 State Highway 63 West, Jasper, Jasper County.

This renewal will authorize the continued operation of compressor equipment powered by internal combustion engines which burn natural gas as fuel. The natural gas enters the site in a pipeline, then the compressor equipment is used to increase the pressure of the natural gas in order to move the natural gas exiting the site further down the pipeline. A portion of the natural gas entering the site is also used as fuel in the internal combustion engines. Tennessee Gas Pipeline Company, LLC has certified there will be no changes to the permit. The following permitted emission rates will remain the same.

Pollutant	**Total Amount Allowed (tons per year)**
Carbon Monoxide	528.51
Nitrogen Oxides	2,413.55
Particulate matter less than 10 microns in diameter	43.59
Particulate matter less than 2.5 microns in diameter	43.59
Sulfur Dioxide	0.56
Organic compounds	110.33

The facilities being renewed continue to be controlled by burning of natural gas fuel in the engines and equipment installed on each engine to allow for cleaner burning and lower burning temperatures of the natural gas fuel in the engine. Seven (7) of the engines are controlled by installation of different fuel valves to allow air to mix better with the fuel burned in the engine, installation of a system to force more air into the engine to decrease the temperature of the burning fuel in the engine, and installation of a system to allow proper ignition or burning of the fuel. Eight (8) of the engines are controlled by installation of different fuel valves to allow air to mix better with the fuel burned in the engine, installation of a system to allow proper ignition or burning of the fuel and increasing the revolutions per minute up the manufacturer rating. One (1) of the engines is controlled by installing a system to inject the fuel directly into each cylinder in the engine where the fuel is burned.